



U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Complete if Known

Application Number	09/693,605
Filing Date	October 20, 2000
First Named Inventor	Ashraf MADOUKH
Group Art Unit	2131
Examiner Name	Gilberto BARRON Jr.
Attorney Docket Number	15247-6

(use as many sheets as necessary)

Sheet	1	of	1
-------	---	----	---

U.S. PATENT DOCUMENTS

[illegible]

FOREIGN PATENT DOCUMENTS

[illegible]

Examiner Signature	A. Shekett	Date Considered	8/28/04
-----------------------	------------	--------------------	---------

*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this from with next communication to applicant.

¹ Unique citation designation number. ² See attached Kinds of U.S. Patent Document. ³ Enter office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement; This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, D.C. 20231 **DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO:** Assistant Commissioner for Patents, Washington, DC 20231

+



Please type a plus sign (+) inside this box → ☒

PTO/SB/18 (08-00)

Approved for use through 10/31/2002. OMB 0651-0032

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)				Complete if Known	
				Application Number	09/693,605
Sheet 1 of 1				Filing Date	October 20, 2000
				First Named Inventor	Ashraf MADOUKH
				Group Art Unit	2131
				Examiner Name	
				Attorney Docket Number	15247-6

U.S. PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (if known)			
A.S.		5,915,025		TAGUCHI et al	6-22-99	RECEIVED APR 28 2003 Technology Center 2100

FOREIGN PATENT DOCUMENTS								
Examiner Initials*	Cite No. ¹	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Office	Number ⁴	Kind Code ⁵ (if known)				
A.S.			WO 02/29577A2		Oracle Corporation	4-11-2002		
A.S.			WO 01/35226 A1		Protegrity Research & Development	5-17-2001		
A.S.			EPO 11143780		Hitachi Ltd.	5-28-99		
A.S.			EP 0 884 670A1		International Computers, Ltd.	12-16-98		

Examiner Signature	A. Shubert	Date Considered	8/25/04
--------------------	------------	-----------------	---------

*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Burden Hour Statement; This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, D.C. 20231 DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231



FORM PTO-1449

INFORMATION DISCLOSURE STATEMENT

Atty Docket

15247.6

Serial No.

09/693,605

Applicant(s): Ashraf Madoukh
For: HIDDEN LINK DYNAMIC KEY MANAGER
FOR USE IN COMPUTER SYSTEMS WITH
DATABASE STRUCTURE FOR STORAGE AND
RETRIEVAL OF ENCRYPTED DATA

Filing Date
10/20/00

Group
2131

U.S. PATENT DOCUMENTS

Examiner Initial		Document Number	Date	Name	Class	Sub-Class	Filing Date
A.S	AA	5,369,702	11/29/94	Shanton			
A.S	AB	5,680,452	10/21/97	Shanton			
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						

FOREIGN PATENT DOCUMENTS

		Document Number	Date	Country	Class	Sub-Class	Translation
	AZ						Yes No
	BA						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	BB		
	BC		

Examiner

A. Shanton

Date Considered

8/25/04

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

FORM PTO-1449**INFORMATION DISCLOSURE STATEMENT**

Atty Docket

15247.6

Serial No.

09/693,605

Applicant(s): Ashraf Madoukh
 For: HIDDEN LINK DYNAMIC KEY MANAGER
 FOR USE IN COMPUTER SYSTEMS WITH
 DATABASE STRUCTURE FOR STORAGE AND
 RETRIEVAL OF ENCRYPTED DATA

Filing Date
 10/20/00

Group
 2131

U.S. PATENT DOCUMENTS

Examiner Initial		Document Number	Date	Name	Class	Sub-Class	Filing Date
AS	AA	5,949,882	09/07/99	Angelo			
AS	AB	6,058,188	05/02/00	Chandersekaran et al.			
AS	AC	6,052,469	04/18/00	Johnson et al.			
AS	AD	4,423,287	12/27/83	Zeidler			
AS	AE	4,578,530	03/25/86	Zeidler			
AS	AF	4,912,762	03/27/90	Lee et al.			
AS	AG	5,301,270	04/05/94	Steinberg et al.			
AS	AH	5,363,507	11/08/94	Nakayama et al.			
AS	AI	5,495,533	02/27/96	Linehan et al.			
AS	AJ	5,533,123	07/02/96	Force et al.			

RECEIVED
 JAN 25 2001
 Technology Center 2100

FOREIGN PATENT DOCUMENTS

		Document Number	Date	Country	Class	Sub-Class	Translation
	AZ						Yes No
	BA						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	BB		
	BC		

Examiner

Date Considered 8/25/04

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

U.S. PATENT DOCUMENTS

Examiner Initial		Document Number	Date	Name	Class	Sub-Class	Filing Date
A.S.	AO	5,546,304	08/13/96	Marschner et al.			
A.S.	AP	5,625,693	04/29/97	Rohatgi et al.			
A.S.	AQ	5,682,524	10/28/97	Freund et al.			
A.S.	AR	5,729,608	03/17/98	Janson et al.			
A.S.	AS	5,778,072	07/07/98	Samar			
A.S.	AT	5,796,830	08/18/98	Johnson et al.			
A.S.	AU	5,809,497	09/15/98	Freund et al.			
A.S.	AV	5,815,573	09/29/98	Johnson et al.			
A.S.	AX	5,907,618	05/25/99	Gennaro et al.			
A.S.	AY	5,937,066	08/10/99	Gennaro et al.			



RECEIVED
JAN 25 2001
Technology Center 2100